American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 63 For Week Ended NOVEMBER 26, 1982 NO. 47

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.

	Current Week Ending: 11/26/82	Last Week Ending: 11/19/82	Last Year Week Ending: 11/27/81		Change From Last Week		Change From Last Year
Refinery Operations							
Input to crude oil distillation units *	12,151	12,338	12,777	-	187	-	626
Operable capacity	16,663	16,663	18,230		0	-	1,567
Percent operated	72.9	74.0	70.1				
Motor Gasoline							
Motor gasoline production	6,254	6,273	6,684	-	19	-	430
Refinery shipments of unleaded motor gasoline	3,360	3,525	3,515	-	165	-	155
Total Motor gasoline stocks	230,113	228,356	244,097	+	1,757	-	13,984
Finished unleaded motor gasoline stock	93,825	93,592	96,048	+	233	-	2,223
Distillate Fuel Oil							
Distillate fuel oil production	2,875	2,906	2,707	-	31	+	168
Distillate fuel oil stocks	183,011	180,084	196,201	+	2,927	-	13,190
Residual Fuel Oil							
Residual fuel oil production	996	1,080	1,150	-	84	-	154
Residual fuel oil stocks	62,286	63,656	81,329	-	1,370	-	19,043
Imports							
Crude oil imports	3,412	4,135	3,849	-	723	-	437
Product imports	1,909	1,803	1,504	+	106	+	405
Crude Oil Stocks							
Crude oil stocks	341,875	347,498	369,002	-	5,623	-	27,127

* *UNSCHEDULED SHUTDOWNS CAUSED DECREASES OF 54,000 BBLS PER DAY IN THE TEXAS INLAND REGION, 93,000 BBLS PER DAY IN THE TEXAS GULF COAST REGION AND 46,000 BBLS PER DAY IN THE LOUISIANA GULF COAST REGION.*

TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Foreign Crude Runs[1]	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,241	1,126	1,085	1,144	1,569	72.9
Appal. No. 1	95	91	--	92	98	93.9
DISTRICT 1 TOTAL	1,336	1,217	1,085	1,236	1,667	74.1
Appal. No. 2	59	54	7	57	66	86.4
Ind., Ill., Ky.	1,801	1,660	447	1,703	2,399	71.0
Minn., Wis., Daks.	290	273	120	287	293	98.0
Okla., Kans., Mo.	833	752	40	767	858	89.4
DISTRICT 2 TOTAL	2,983	2,739	614	2,814	3,616	77.8
Inland Texas	480	431	26	458	592	77.4
Texas Gulf Coast	3,144	2,809	862	2,882	3,993	72.2
La. Gulf Coast	2,129	1,945	646	2,062	2,728	75.6
N. La. and Ark.	164	161	12	168	314	53.5
New Mexico	115	78	--	83	117	70.9
DISTRICT 3 TOTAL	6,032	5,424	1,546	5,653	7,744	73.0
DISTRICT 4 TOTAL	433	416	48	422	553	76.3
DISTRICT 5 TOTAL	2,097	1,975	184	2,026	3,083	65.7
TOTAL U.S.	12,881	11,771	3,477	12,151	16,663	72.9
TOTAL U.S. Weeks Ended:						
NOV. 19, 1982	13,272	11,895	3,653	12,338	16,663	74.0
NOV. 27, 1981	13,567	12,477	4,072	12,777	18,230	70.1
DISTRICTS 1—4 Weeks Ended:						
NOV. 26, 1982	10,784	9,796	3,293	10,125	13,580	74.6
NOV. 19, 1982	11,122	9,891	3,483	10,294	13,580	75.8
NOV. 27, 1981	11,286	10,352	3,805	10,616	15,068	70.5

[1] Included in the Crude Oil Runs to Distillation Units.

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 26, 1982

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	576	347	9	15	--	314	124
Appal. No. 1	26	10	3	--	1	23	8
DISTRICT 1 TOTAL	602	357	12	15	1	337	132
Appal. No. 2	33	20	--	1	--	14	2
Ind., Ill., Ky.	990	615	8	65	23	378	66
Minn., Wis., Daks.	141	47	2	6	14	86	8
Okla., Kans., Mo.	487	184	6	13	3	253	15
DISTRICT 2 TOTAL	1,651	866	16	85	40	731	91
Inland Texas	247	123	26	20	8	112	24
Texas Gulf Coast	1,423	856	25	204	39	761	238
La. Gulf Coast	1,062	468	13	219	30	401	164
N. La. and Ark.	58	21	3	--	--	43	12
New Mexico	58	22	11	1	5	33	5
DISTRICT 3 TOTAL	2,848	1,490	78	444	82	1,350	443
DISTRICT 4 TOTAL	235	88	17	19	1	108	11
DISTRICT 5 TOTAL	918	559	59	215	2	349	319
TOTAL U.S.	6,254	3,360	182	778	126	2,875	996
TOTAL U.S. Weeks Ended:							
NOV. 19, 1982	6,273	3,525	168	818	174	2,906	1,080
NOV. 27, 1981	6,684	3,515	171	798	122	2,707	1,150
DISTRICTS 1—4 Weeks Ended:							
NOV. 26, 1982	5,336	2,801	123	563	124	2,526	677
NOV. 19, 1982	5,312	2,964	119	639	169	2,551	711
NOV. 27, 1981	5,716	2,971	124	571	117	2,365	798

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER 26, 1982*

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	6,099	3,344	87	738	1,100	18,264	2,827	--
Central Atlantic	31,559	13,439	274	5,372	2,547	52,752	24,230	13,247
Lower Atlantic	28,328	14,781	95	3,603	1,709	16,465	4,595	467
East Coast	61,751	29,334	413	9,343	5,052	84,209	31,135	12,687
Appal. No. 1	4,235	2,230	43	370	304	3,272	517	1,027
DISTRICT 1 TOTAL	65,986	31,564	456	9,713	5,356	87,481	31,652	13,714
Appal. No. 2	2,791	1,243	22	222	305	1,909	386	109
Ind., Ill., Ky.	35,118	14,388	586	4,335	2,099	23,495	3,344	13,928
Minn., Wis., Daks.	6,860	2,680	159	558	119	6,640	422	486
Okla., Kans., Mo.	18,733	6,711	592	1,864	280	13,305	991	6,007
DISTRICT 2 TOTAL	63,502	25,022	1,359	6,979	2,803	45,349	5,143	20,530
Inland Texas	7,686	3,111	612	1,718	54	3,518	343	2,616
Texas Gulf Coast	27,801	10,278	825	4,541	1,369	17,325	8,511	28,416
La. Gulf Coast	19,281	6,661	540	3,232	786	8,913	7,166	15,620
N. La. and Ark.	11,266	5,432	289	1,245	343	6,467	396	937
New Mexico	761	263	503	62	30	337	92	405
DISTRICT 3 TOTAL	66,795	25,745	2,769	10,798	2,582	36,560	16,508	47,994
DISTRICT 4 TOTAL	8,857	2,143	301	814	45	3,313	498	2,746
DISTRICT 5 TOTAL	26,973	9,351	1,399	5,692	147	10,308	8,485	25,207
TOTAL U.S.	230,113	93,825*	6,284	33,996	10,933	183,011	62,286	110,191
TOTAL U.S. Weeks Ended:								
NOV. 19, 1982	228,356	93,592	6,092	34,281	11,093	180,084	63,656	110,920
NOV. 27, 1981	244,097	96,048	6,254	34,195	12,483	196,201	81,329	115,012
DISTRICTS 1—4 Weeks Ended:								
NOV. 26, 1982	203,140	84,474	4,885	28,304	10,786	172,703	53,801	84,984
NOV. 19, 1982	200,755	83,485	4,788	28,420	10,899	170,084	55,517	86,300
NOV. 27, 1981	213,582	84,798	4,776	29,171	12,253	184,265	70,916	89,408

[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

**INCLUDES 22,055 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
DIST. 1: 2,630 DIST. 2: 5,324 DIST. 3: 9,253 DIST. 4: 800 DIST. 5: 4,048

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 26, 1982

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *JULY* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		----------Daily Average----------			
DISTRICTS 1—4 TOTAL					
NOV. 26, 1982	5,851.6	5,840.0	3,273	170	264,941
NOV. 19, 1982	5,851.6	--	3,863	188	263,262
NOV. 12, 1982	5,851.6	--	2,887	170	260,338
NOV. 5, 1982	5,848.0	--	3,285	168	260,605
DISTRICT 5 TOTAL					
NOV. 26, 1982	2,766.0	2,816.0	139	14	76,934 *
NOV. 19, 1982	2,766.0	--	272	--	84,236
NOV. 12, 1982	2,766.0	--	15	14	78,885
NOV. 5, 1982	2,809.5	--	359	--	88,669
TOTAL U.S.					
NOV. 26, 1982	8,617.6	8,656.0	3,412	184	341,875 *
NOV. 19, 1982	8,617.6	--	4,135	188	347,498
NOV. 12, 1982	8,617.6	--	2,902	184	339,223
NOV. 5, 1982	8,657.5	--	3,644	168	349,274
NOV. 27, 1981	8,572.6/A	--	3,849	160	369,002

*INCLUDES 24,753 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR NOVEMBER 1981.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	Week Ended *NOVEMBER* 26, 1982 Domestic	Foreign	Total	Week Ended *NOVEMBER* 27, 1981 Domestic	Foreign	Total
PAD District 1	3,763	13,724	17,487	4,933	16,625	21,558
PAD District 2	61,909	13,619	75,528	68,276	14,449	82,725
PAD District 3	119,438	40,527	159,965	126,965	43,729	170,694
PAD District 4	10,336	1,625	11,961	15,312	645	15,957
TOTAL PAD DISTRICTS 1—4	195,446	69,495	264,941	215,486	75,448	290,934
PAD District 5	71,563	5,371	76,934 *	71,131	6,937	78,068
TOTAL U.S.	267,009	74,866	341,875 *	286,617	82,385	369,002

[1] See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended NOVEMBER 26, 1982

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Kerosine	Distillate Fuel Oil	Grade No. 4 Fuel Oil	Residual Fuel Oil	L.P.G.	Petro-chemical Feedstocks	Special Naphtha	Plant Condensate	Asphalt	Unfinished Oil[2]	Total
New England	--	--	--	--	--	--	--	--	5	--	--	--	--	--	5
Central Atlantic	100	49	10	11	7	91	--	499	3	--	6	--	1	104	832
Lower Atlantic	--	--	--	--	--	--	--	101	--	--	--	--	--	--	101
DISTRICT 1 TOTAL[1]															
NOV. 26, 1982	100	49	10	11	7	91	--	600	8	--	6	--	1	104	938
NOV. 19, 1982	100	49	10	47	7	98	--	791	9	16	5	--	3	48	1,134
NOV. 12, 1982	104	47	--	3	15	119	--	541	8	--	--	--	1	27	818
NOV. 5, 1982	106	47	5	11	4	75	--	601	6	80	111	--	1	37	1,037
DISTRICTS 2—4 TOTAL															
NOV. 26, 1982	11	3	--	--	--	1	--	100	288	73	39	177	8	184	881
NOV. 19, 1982	11	4	--	--	--	2	--	83	270	56	5	11	--	137	575
NOV. 12, 1982	12	1	--	--	--	2	--	80	205	--	8	10	--	7	324
NOV. 5, 1982	17	4	--	--	--	6	--	110	170	80	47	--	--	20	450
DISTRICT 5 TOTAL															
NOV. 26, 1982	39	13	2	1	--	6	--	10	18	5	6	--	--	3	90
NOV. 19, 1982	40	13	2	1	--	5	--	19	15	--	5	--	--	7	94
NOV. 12, 1982	46	14	--	--	--	5	--	10	14	--	--	1	--	15	91
NOV. 5, 1982	47	13	12	12	--	6	--	10	15	25	20	1	--	--	148
TOTAL U.S.	150	65	12	12	7	98	--	710	314	78	51	177	9	291	1,909
TOTAL U.S. Weeks Ended:															
NOV. 19, 1982	151	66	12	48	7	105	--	893	294	72	15	11	3	192	1,803
NOV. 12, 1982	162	62	--	3	15	126	--	631	227	--	8	11	1	49	1,233
NOV. 5, 1982	170	64	17	23	4	87	--	721	191	185	178	1	1	57	1,635
NOV. 27, 1981	137	88	--	--	5	116	--	904	287	--	1	12	4	38	1,504

[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

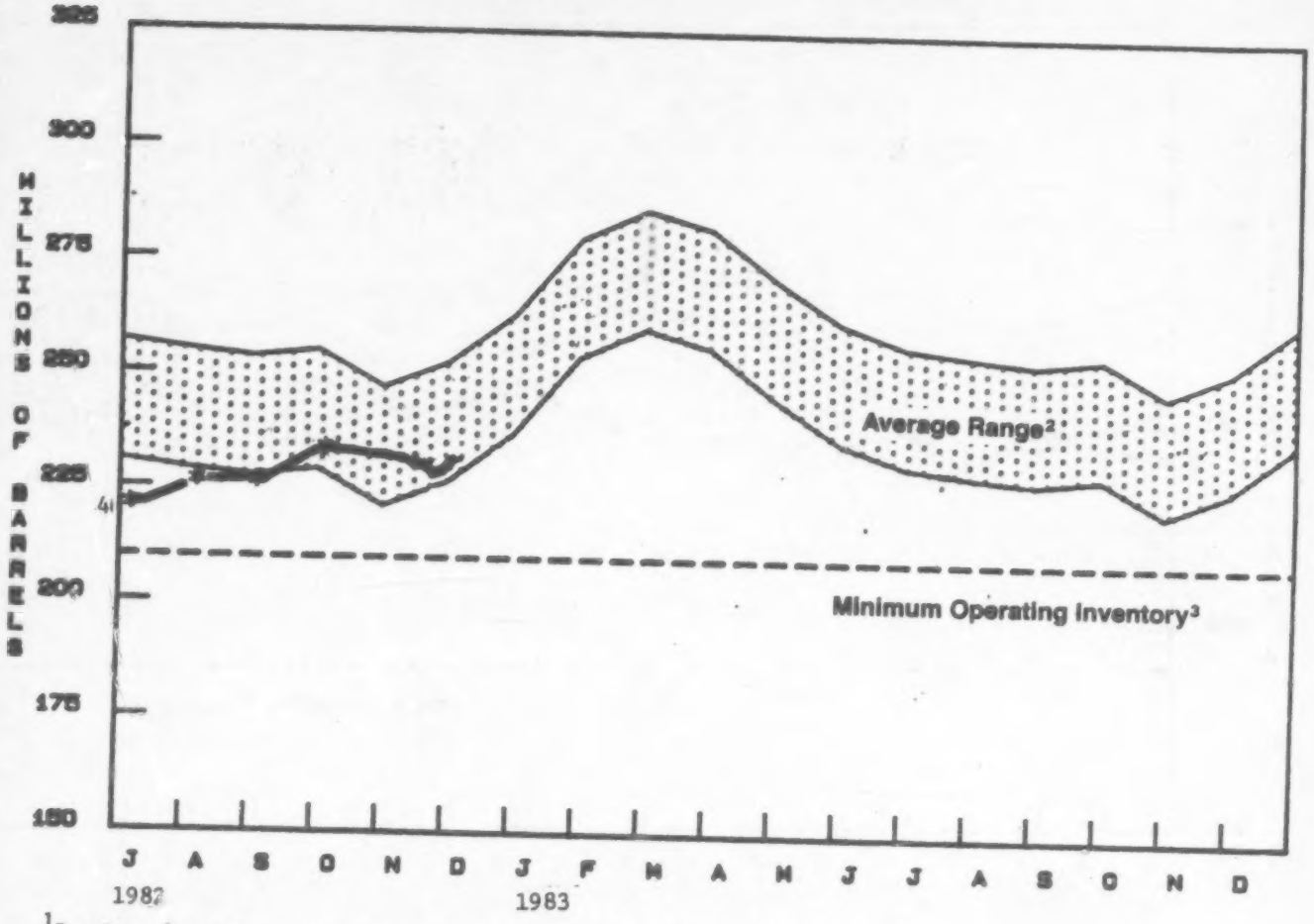
Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

Week Ended NOVEMBER 26, 1982

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

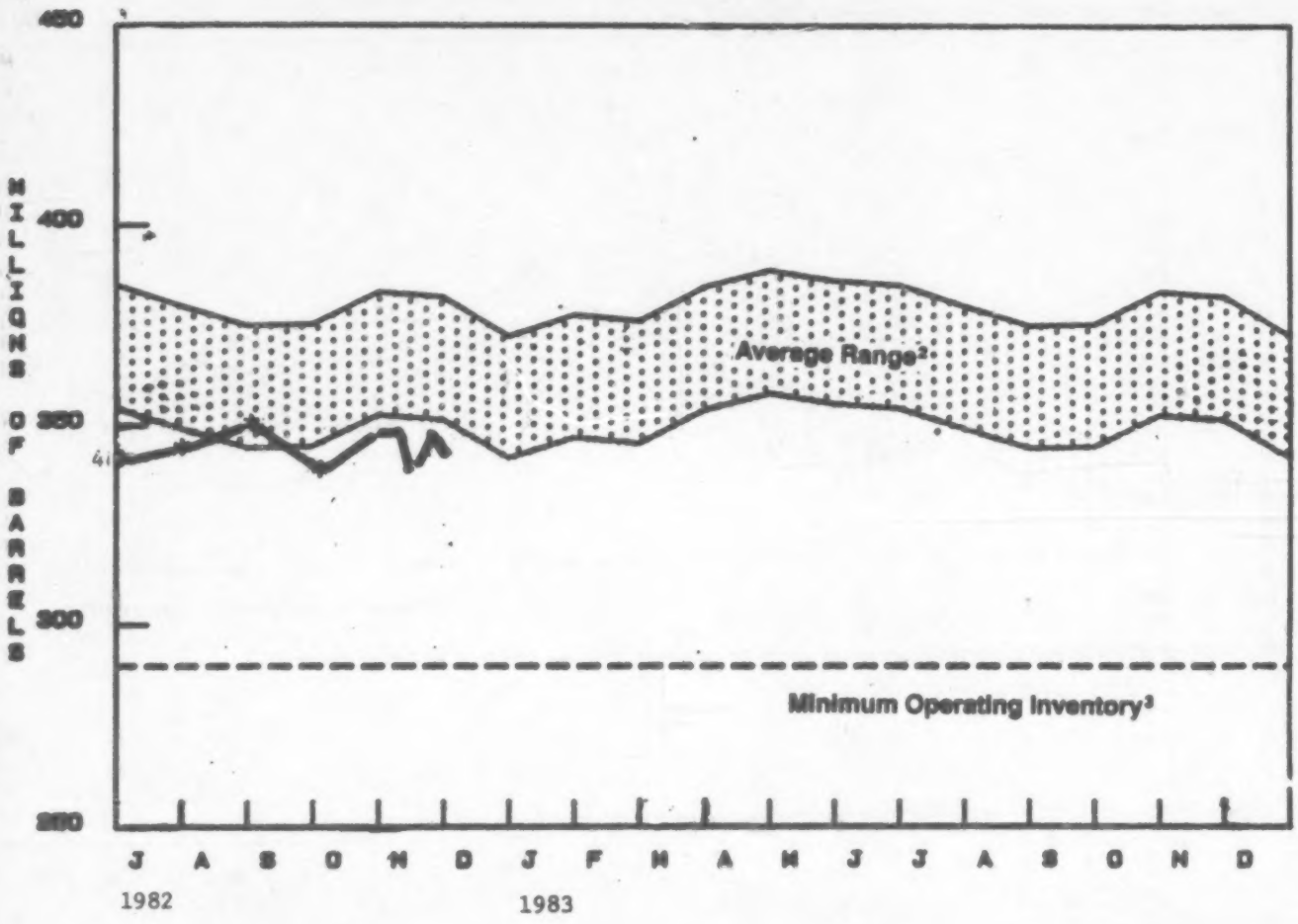
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

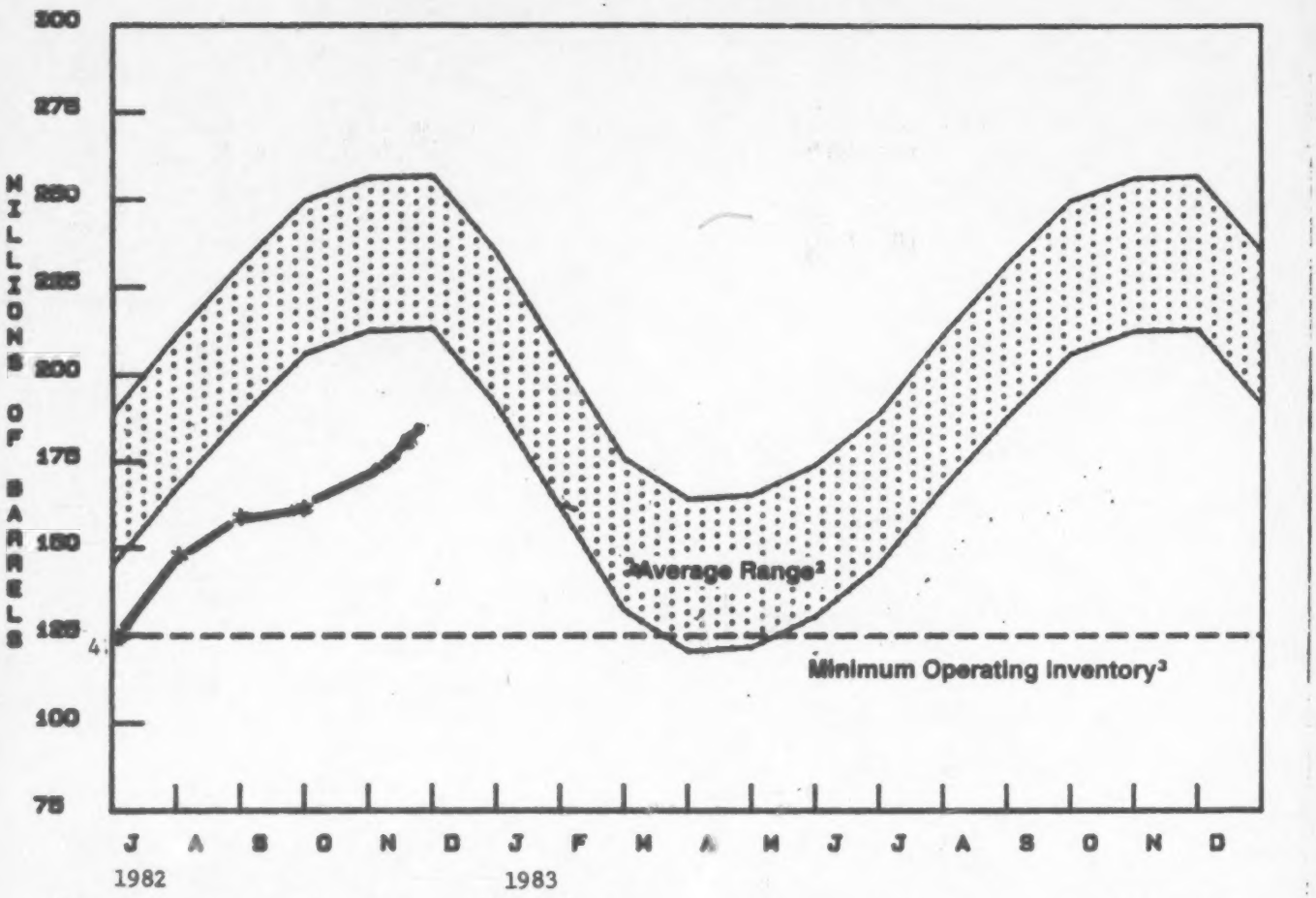
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
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